



JPW

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Nobuhiko KENMOCHI

Group Art Unit: 2682

Application No.: 09/913,791

Examiner: Jamshid Goshtasbi

Filed: August 16, 2001

Docket No.: 110215

For: NONRECURSIVE DIGITAL FILTER AND
RADIO RECEIVING UNIT USING THE SAME

REQUEST FOR RECONSIDERATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In reply to the January 7, 2005 Office Action, reconsideration of the rejection is respectfully requested in light of the following remarks. Claims 1-6 are pending.

The Office Action rejects claim 1 under 35 U.S.C. §102(b) as being anticipated by Tomimitsu (U.S. Patent No. 4,777,612); claim 2 is rejected under 35 U.S.C. §103(a) over Tomimitsu and Matsudera (U.S. Patent No. 6,198,649); claims 3-5 under 35 U.S.C. §103(a) over Tomimitsu in view of Matsudera, and Lomp (U.S. Patent No. 6,272,168); and claim 6 under 35 U.S.C. §103(a) over Tomimitsu, Matsudera, Lomp and Tayebi (U.S. Patent No. 6,373,827). The rejections are respectfully traversed.

In particular, none of the applied references disclose or suggest a nonrecursive digital filter, including at least an n-stage shift register that sequentially shifts input data having a predetermined number n of bits, and in which an output of each output stage of the shift register is multiplied by a filter coefficient and added, the n-stage shift register being divided